

... To fabricate a single thin optical surface emm lens (pat) - lasers 4", magnifier that is used in smart card readers the ... Also, the plurality of optical elements including first which essentially translates into a digital system. Acousto-optical element 40 and optical lens 42 ...

Cited by 3 - Related articles - PDF Abstract

[CITATION] Systems issues in the implementation of DVB Simulcrypt

RL Clayton, MZ Orlford - Broadcasting Engineering, 1995 - International 1995

Cited by 3 - Related articles - PDF Abstract

Smart card with integrated reader and visual image display

KE Juchaczewski, SR Natus - US Patent 6,754,143, 2005 - Google Patents

... a two dimensional ray representing information from the microchip 14 to one of the emm devices connected ... light under 5% of optical lens 67 is essentially translated into a digital system ... on the smart card for viewing at a viewing aperture, attachment of smart card with reader ...

Cited by 1 - Related articles - PDF Abstract

[CITATION] ... key distribution management for conditional access system unday-TV ...

HK Tu, CR Loh, KH Tong - IEEE Transactions on Consumer Electronics, 1989

Cited by 3 - Related articles - PDF Abstract

[CITATION] Digital DBS system design and implementation for TV and ...

W Sahn, GM Kwon, JS Ohn - IEEE Transactions on Broadcasting, 1986

Cited by 3 - Related articles - PDF Abstract

[WML] SECOCODEL: A solution to the copyright barrier to access to information

D BUCHER, J BUCHER, E SCHNEIDER, T WESLEY - 1996 - not found

... Tom WESLEY University of Bradford Management Centre, Emm Lane, Bradford West Yorkshire, UK-BG ... ECMS provide authors, publishers, and distributors of digital objects with temper-resistant mechanisms ... is implemented on a standard Windows PC with a smart card reader ...

Cited by 2 - Related articles - Abstract

How to integrate access control mechanisms into digital HD TV systems?

V Blicher, JL Guichard - Signal Processing, Image Communications, 1997 - Elsevier

... control of digital TV systems class, pre-coded pay-per-view or impulse pay-per-view, per programme ... to directly changed when adopted to a new system (consequently, the same smart card can be ... EOM and EMM not be considered as useful data that can never be scrambled ...

Cited by 1 - Related articles - PDF Abstract

Information Technology and Health Care

SGA Shah - JOURNAL OF PAKISTANI MEDICAL ASSOCIATION, 1998 - JPMAS

... Thus, increasing the ability of physicians, nurses, clinical technicians, and others to readily access and use ... Electronic materials management (EMM) ... Health community smart card helps health care providers build patient's relationship, increase process efficiencies, and improve ...

Cited by 1 - Related articles - View on HTML - PDF Abstract

[CITATION] A DBS Digital Television System Using MPEG Compression and High ...

RS De la - IEEE 1989 International Conference on Consumer ... 1989

Cited by 1 - Related articles - PDF Abstract

Time-shifted conditional access

PLD Lecomte et al - US Patent 5,921,004, 1999 - Google Patents

... decryption of encrypted master words and, if appropriate, decryption of entitlement management messages EMM ... Alternatively, the security device may be a smart card, which is detachable from a receiving unit ... In a digital pay-TV system, the master word is as good as ready ...

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Packet video signal inverse transport system

US Patent - US Patent - US Patent 5,878, 149B - Hughes Network

... Normally broadcast digital signals will have been sent encoded using, for example, Reed-Solomon forward error correcting (FEC) coding ... The EMM may include data, which, when processed by the smart card, will enable or deny reception of particular programs in ...

Cited by 5 - Related articles - All 3 results

Interfacing a conditional access circuit to a digital device using input and output ...

in: Cambridge - US Patent App. Data 15 526, 1980 - Mundy Patent

... An EMM is a message used to deliver privileges (eg, rights, keys) to a CA device ... or CA device or module; an NRS3 part A module supporting a smart card format; ... source, method of receiving and decoding, study management mechanisms that provide digital receivers and ...

All 3 results

[CITATION] Tools for the validation of conditional access functions in Eurocrypt

in: Eurocrypt - Eurocrypt Convention, 1992 - Eurocrypt - Eurocrypt, 1992

Method for access control

US Patent - US Patent - 1997 - freepatentonline.com

... EP0428052, A system for controlling access to broadcast transmissions. Attorney Agent of Firm: Harbeck, Lupt ... Once the smart card finds an EMM message dedicated to itself, the card will compare the time stamp information stored in the card ...

Decoder and security module for a digital transmission system

US Patent - 1998 - freepatentonline.com

... for subscription mode and to renew the rights automatically each month; a Pay Per View Channel ... the smart card 30 an identification of the monitored access system associated with that smart card ... a first conditional access system is associated with EMM and EMM data in ...

Related articles

Preventing fraudulent access in a conditional access system

US Patent - US Patent - 1998 - freepatentonline.com

... WO/1998/008042, SMART-CARD BASED ACCESS CONTROL SYSTEM WITH IMPROVED SECURITY ... in existing systems, Figure 5 shows part of the structure of an EMM encrypted in ... the end user may purchase events in either a subscription mode or a Pay-Per-View mode ...

All 3 results

Securely device managed access to information

US Patent - US Patent - US Patent App. 08851,904, 1997 - Google Patents

... in a pay TV system, the information may comprise a pay-TV order menu of which the description is "James Bond - Dr. No, action category, 42 year and other - broadcast April 15, at ... The controller 204 may also transfer the entitlement messages EMM to the smart card 10 ...

All 4 results

A Trusted Third Party Network for the Eurocrypt Access Control System

US Patent - US Patent - 1998 - freepatentonline.com

... The smart card will have the advantage of providing a high level of security, by allowing to store ... Open ACS Presently, two philosophies are discussed: make groups controlled with access control for digital services; ... EMM is an European Broadcast Union standard concept ...

Related articles - All 3 results

... COMMUNICATION OF INFORMATION BETWEEN A PLURALITY OF DIGITAL

US Patent - US Patent - 1998 - freepatentonline.com

